



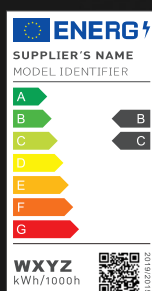
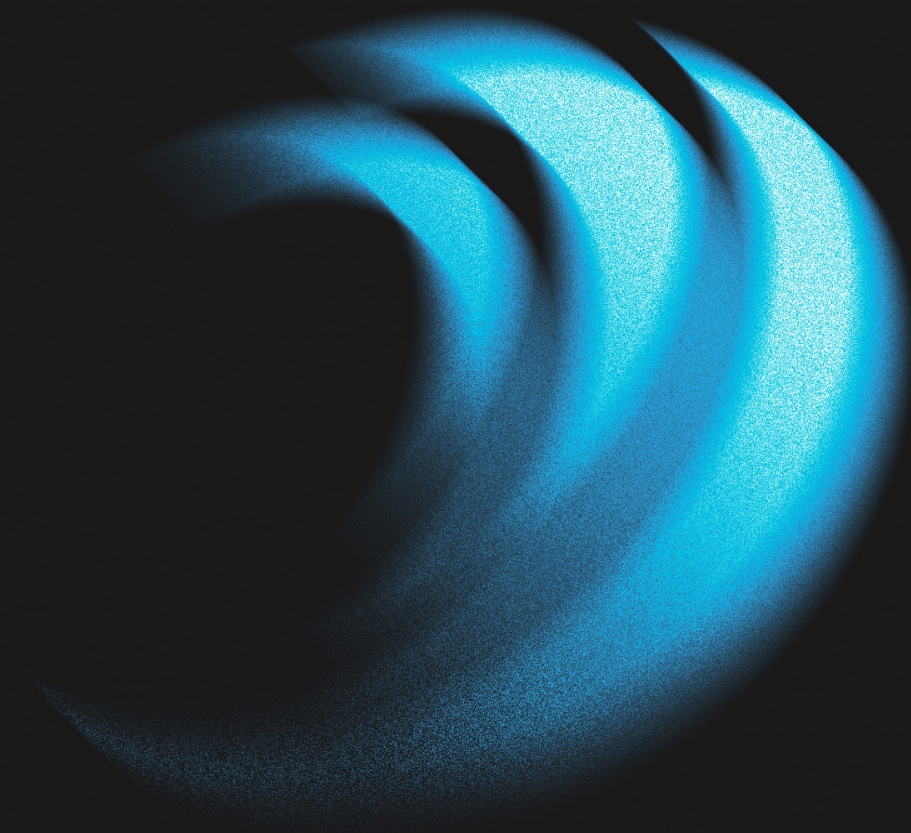
# LED

## STRIP LIGHT

**DC 24V**

Curve Strip

**SFN-2835P**





# SFN-F2835P-x-CC36-W-xA

Curve Strip

## FEATURES

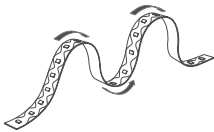
- Constant current design, s-type strip
- High efficiency (>180 lm/W), high Ra (90+), and high brightness (1200 lm/ft).
- SDCM <3, LED brand Bridgelux.
- Multiple color temperature options — deviation as low as ±50K



## DIMENSION

Input voltage: 25-36V	Tape IP: IP20
Ra: >90	Warranty: 5years
Rated power: 6.4-7.72W/ft	Working temperature: -20~+60°C
Power error range: ±10%	Storage temperature: -20~+70°C

Bending radius: Rmin



Rmin=30mm

## OPTICAL & ELECTRICAL PARAMETERS

Model No.	Voltage(DC)	Color	Ra	CCT	Lm/ft	Lm/W	DC A/ft	W/ft
SFN-F2835P-132-CC36-W-0.2A	32.2V	W	>90	2700K	1150	180	0.2	6.4
				3000K	1165	182		
				3500K	1185	185		
				4000K	1215	190		
				5000K	1215	190		
				6500K	1200	188		
SFN-F2835P-160-CC36-W-0.24A	32.2V	W	>90	2700K	1390	180	0.24	7.72
				3000K	1405	182		
				3500K	1425	185		
				4000K	1465	190		
				5000K	1465	190		
				6500K	1450	188		

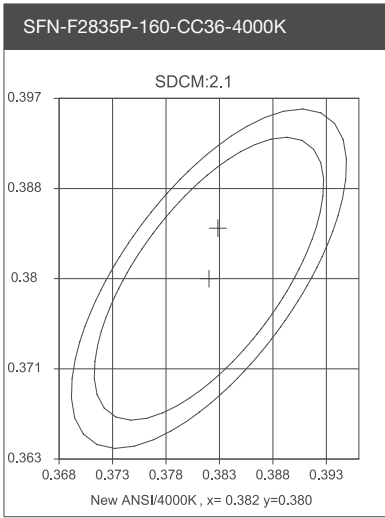
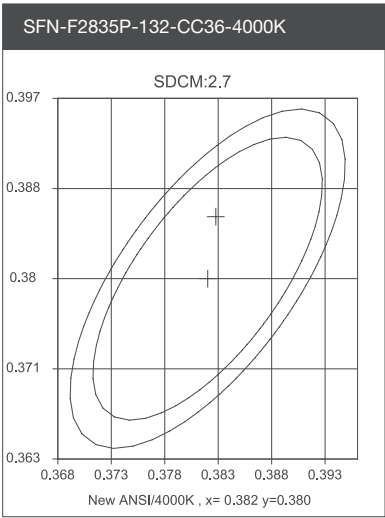
## OTHER PARAMETERS

Model No.	LED Qty (pcs/m)	Standard Packing Length (mm)	Max Run (ft)	Min. Cutting Unit (mm)	LED Pitch (mm)
SFN-F2835P-132-CC36-W-0.2A	132	5000	3	30.5	7.6
SFN-F2835P-160-CC36-W-0.24A	160	5000	2	25.4	12.7

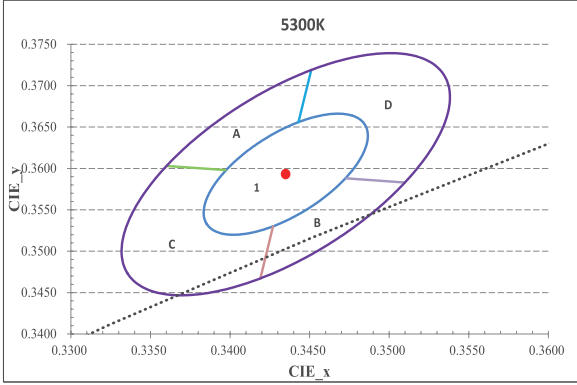
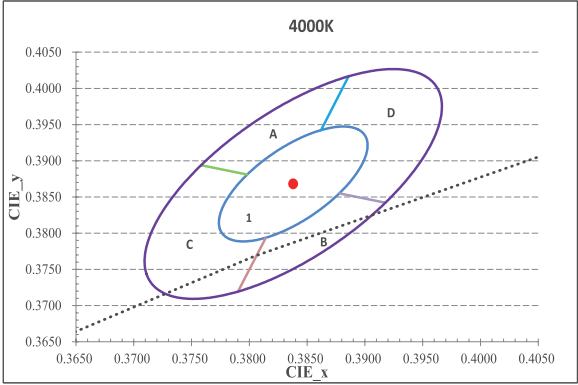
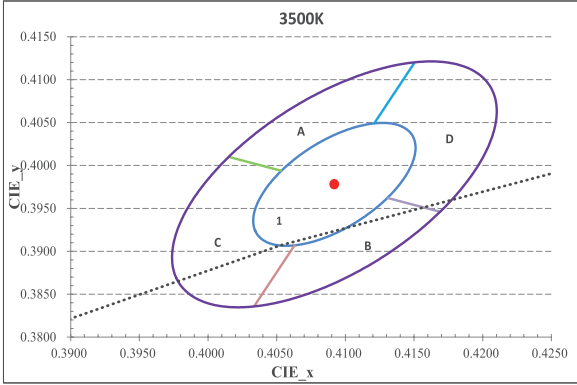
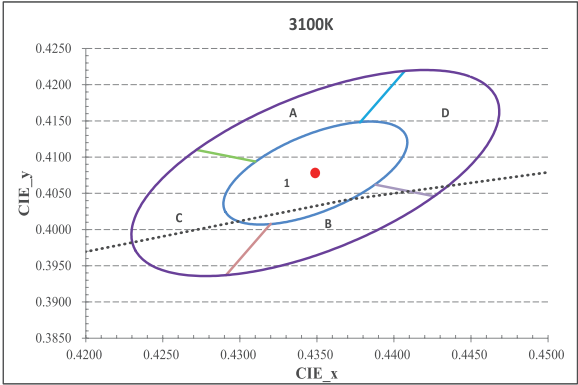
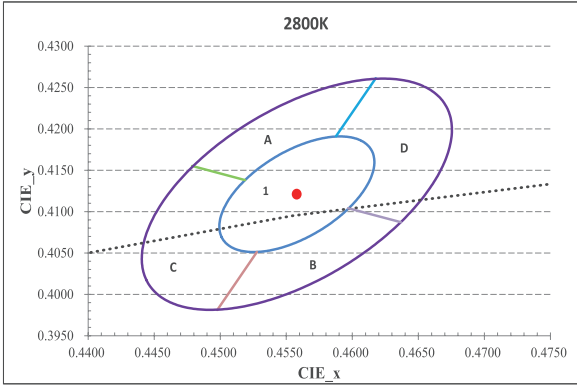
### NOTE:

- Test environment temperature is 25±2°C.
- The above data was measured under standard conditions and actual data may be different. We would update data without further notice.
- Constant current design.Parameters are based on rated current; values vary with other currents.
- If the selected LED chip is different, the color temperature and luminous flux will change accordingly
- Typical luminous flux and power error are ± 10%
- \* Max run is based on one end power feed
- \* If the power is greater than 14W, auxiliary heat dissipation appliances must be added.

IP Process	Picture	Picture description
N ▶	IP20	Non-Waterproof(N)
WP ▶	IP64	Spray Glue Coated(WP)



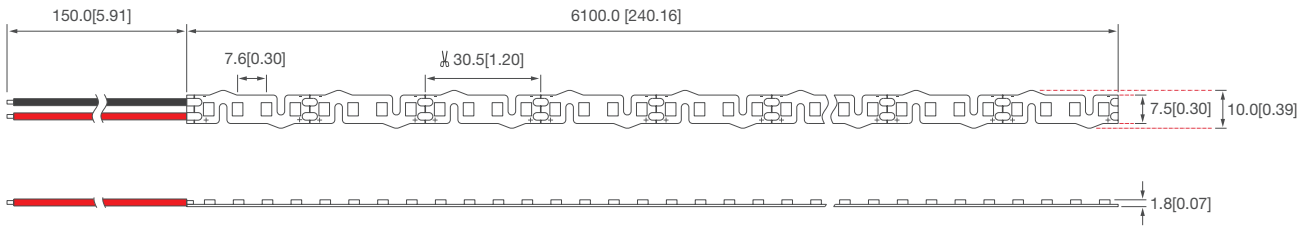
Color Temperature BIN



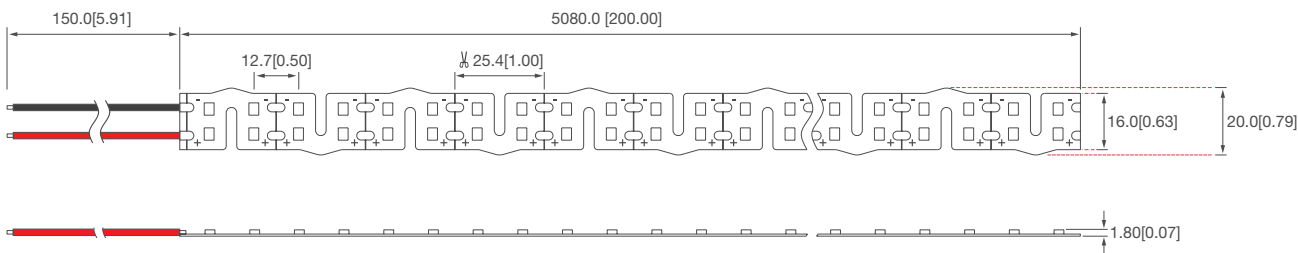
PROFILE DRAWINGS

Unit: mm [inch]

SFN-F2835P-132-CC36-W-0.2A

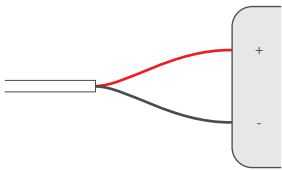


SFN-F2835P-160-CC36-W-0.24A

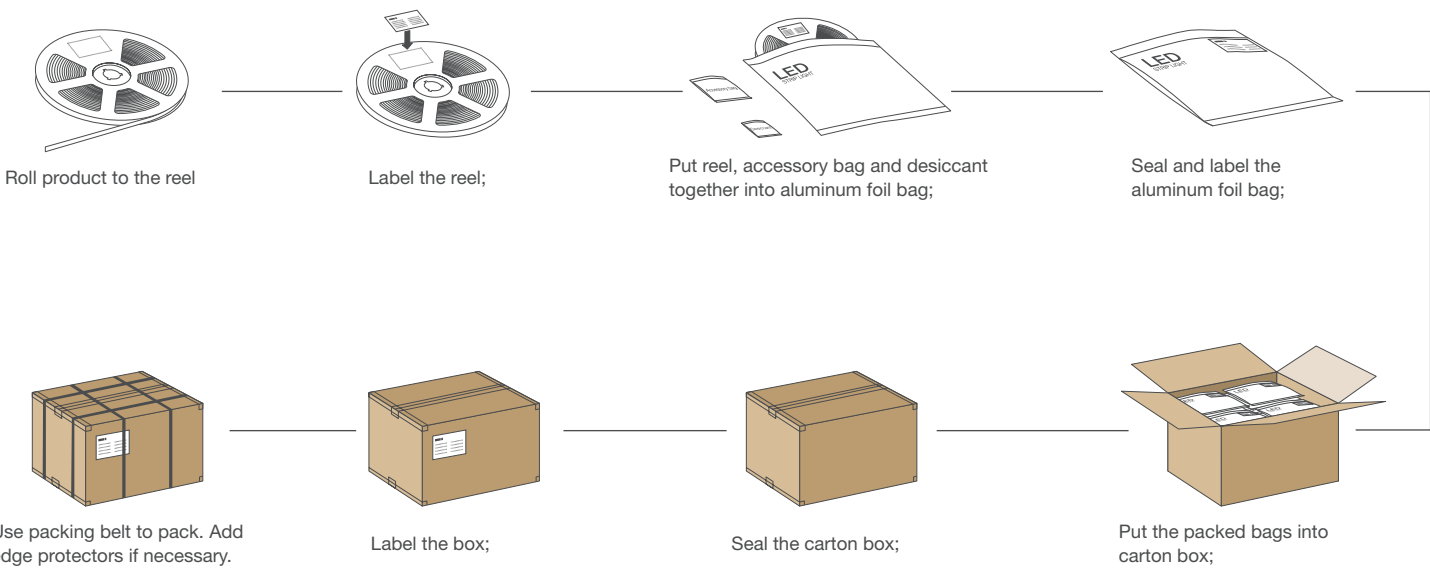


Note: for more info, please contact sales rep.

Wiring Diagram



PACKAGING INFORMATION

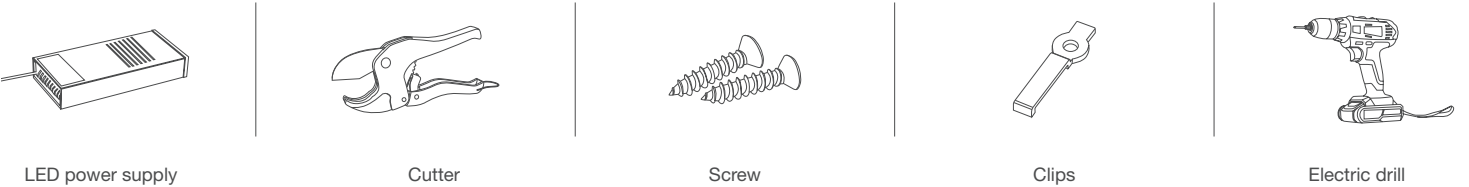


Model No.	Product Size L*W (mm)	Carton Size (mm)	Meter/Reel	Reel/Carton	Net Weight (kg)	Gross Weight (kg)
SFN-F2835P-132-CC36-W-0.2A	6100*10	550*400*340	6.1	100	7.85 (1±10%)	11.65 (1±10%)
SFN-F2835P-160-CC36-W-0.24A	5080*20	550*400*340	5.08	50	7.40 (1±10%)	11.20 (1±10%)

Note:

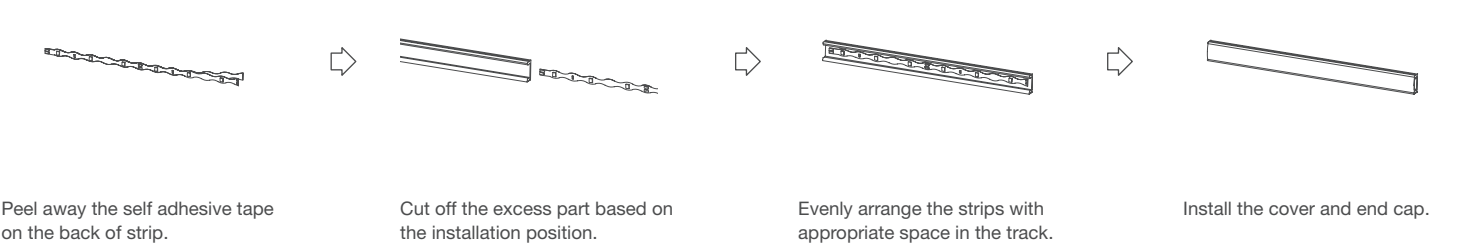
The above-mentioned packaging quantity and weight are only for the illustrated packaging method. For other packaging methods, the packaging quantity and weight will be different. The actual weight is subject to the actual product.

## INSTALLATION TOOLS



## INSTALLATION METHODS AND STEPS

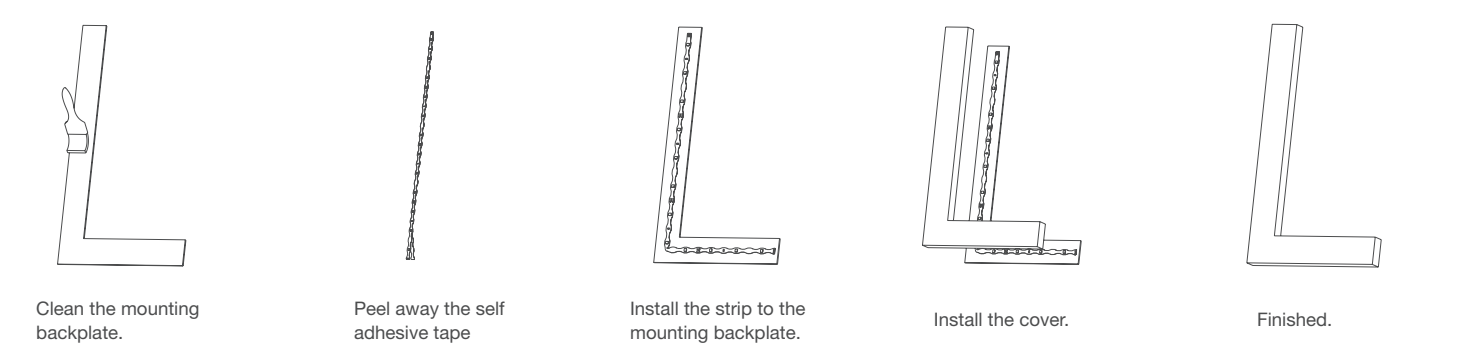
### Aluminum channel installation

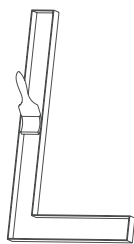


### Covered channel installation



### Backplate-mounted illuminated letters

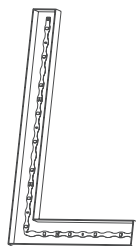




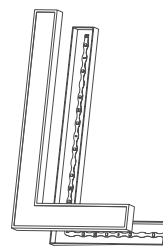
Clean the mounting groove.



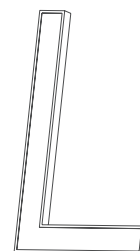
Peel away the self adhesive tape.



Install the strip to the mounting groove.

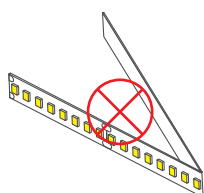


Install the cover.

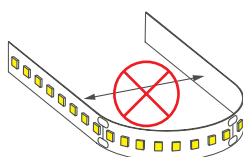


Finished.

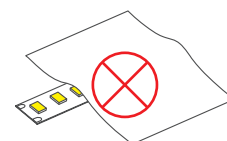
#### Warning Mark



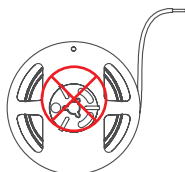
Do not fold the LED strip



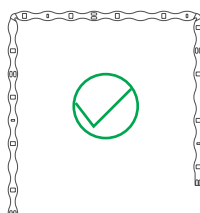
Can not bend less than min bending diameter.



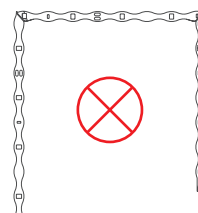
Do not cover the LED strip



Do not light on the LED strip when it on the reel



Bend around component locations.



Do not bend at component positions.

#### ATTENTIONS BEFORE INSTALLATION

- Before installation, please check whether the parameters of the product are consistent with the requirements (Seeing the Product Specification or Label).
- The voltage, current, and power of the power supply and load used must be consistent with this product.
- Follow the instructions of wiring diagram (first connect the load and then the power supply) to avoid short circuit.
- Product wires must be correctly connected to the positive and negative terminals of the power output, otherwise the light will not turn on.
- The power cord should be tightly screwed into the terminal, with a recommended tightness that cannot be pulled out by hand.
- The connection terminals must be effectively waterproof and corrosion-resistant.
- **If the installation length exceeds the maximum run length, extra power feed is needed.**
- **Auxiliary heat dissipation appliances must be added when the current of single LED exceeds regular value.**

#### WARNING

- Do not disassemble or retrofit the light. Do not touch the surface of the light with a sharp object.
- Do not do live-line working during installation, especially for high voltage product.
- Do not use any organic chemical solvents.
- Use neutral glass adhesive to fix this product and it needs to be dried 4 hours in the open environment after operation.
- Treat the ends and the circuit connection points that are not connected to the main line with insulation, waterproof, and anti-corrosion in the installation.
- Use 18AWG (0.75mm<sup>2</sup> cross-sectional area) or thicker core wire to avoid adverse consequences caused by overheating, if the power cable need to lengthen.
- Make sure the input voltage meets the requirements and lines are connected correctly before lighting on.
- This product is for signage, and do not use as general lighting.
- Series connection within the max run.
- The length of the power cable between the power supply and the led strip should not exceed 2 meters. Otherwise, large circuit loss will lead to inconsistent brightness.
- Installation, maintenance and repair should be operated by a qualified technician.

Version	Content	Date
A1.0	First release	2025-11-3

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